
Locking Device

Abstract

Locking device (10), comprising

- an adjustable bracket (7) provided with a recess (16),
- a stationary contour (9) with a contact surface (12),
- a pin (8), which is arranged movably in the recess (16) and on which an axial spring force generated by means of a compression spring (21) acts, with a pin head (14), which projects from the recess (16) of the bracket (7) and has a contact pair with the contact surface (12), and
- at least one centering device (18) between the pin (8) and the bracket (7).

The locking device is characterized by

at least one centering device (18), which has at least one elastically deformable ring (19), which

- is arranged between the pin (8) and the bracket (7) within the recess (16),
- is displaceably arranged within the recess (16), and
- has a surface (22) with a cross section tapering against the direction of the force of the compression spring (21), which [surface] is in contact with a complementary surface (23) at the pin (8).

Figure 3

Figure 3